REMARKS

Attached hereto is a marked-up copy version of the changes made to the claims by the current Amendment. The attached page is captioned "**Version with markings to show changes made**". Claims 11, 14, 17-20, 22, 23, 27 and 29-38 were amended. Therefore, the present application has pending claims 11, 14, 17-20, 22, 23, 27 and 29-38.

Claims 33-38 stand rejected under 35 USC §112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regards as their invention. Various amendments were made throughout claims 33-38 to bring them into conformity with the requirements of 35 USC §112, second paragraph. Therefore, Applicants submit that this rejection is overcome and should be withdrawn.

Specifically, amendments were made to claims 33-38 to more clearly recite that the present invention recited therein is directed to a computer program stored on a storage medium.

Claims 33-38 were also rejected under 35 USC §101 being that the Examiner alleges that the claims appear not to define a computer program. As per the above, amendments were made to claims 33-38 in order to more clearly describe that the present invention as recited therein is directed to a computer program stored on a storage medium. Therefore, claims 33-38 are now directed to patentable subject matter in accordance with 35 USC

§101. Accordingly, reconsideration and withdrawal of the 35 USC §101 rejection of claims 33-38 is respectfully requested.

Applicants acknowledge the Examiner's indication that claims 29, 31 and 35 would be allowable if rewritten in independent form including all the limitations to the base claim and any intervening claims. Claims 29, 31 and 35 were amended to be in independent form including all the limitations of the base claim and any intervening claims. Accordingly, claims 29, 31 and 35 are allowable as indicated by the Examiner.

Claims 11, 14, 17-20, 22, 23, 27, 30, 32-34 and 36-38 stand rejected under 35 USC 102(e) as being anticipated by Miyagawa (U.S. Patent No. 5,732,222). This rejection is traversed for the following reasons. Applicants submit that the features of the present invention as now recited in claims 11, 14, 17-20, 22, 23, 27, 30, 32-34 and 36-38 are not taught or suggested by Miyagawa or any of the references of record whether taken individually or in combination with any each other. Therefore, Applicants respectfully request the Examiner to reconsider and withdraw this rejection.

Specifically, amendments were made to the claims in order to more clearly recite that the present invention is directed to an information transmission device for transmitting plural items of information via a transmission medium. More particularly, the claims were amended to more clearly recite that the present invention is directed to an information transmission device which transmits the plural items of

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information upon occurrence of an event where the <u>event is</u> <u>indicative of a change of situation in or related to the plural</u> <u>items of information</u>.

The above described features of the present invention now more clearly recited in the claims are unique relative to conventional apparatus being that according to the present invention when an event occurs causing a change in any of the plural items of information which could, for example, be news items or measured values in a manufacturing process, the changed item of information is transmitted to a particular destination device which has been predefined to receive such transmissions in correspondence to the identified event. According to the present invention when a change occurs in a news item or a measured value such information is transmitted by the information transmission device to a destination device that requires information of such change occurring in the plural items of the information at the time the change occurs. These features of the present invention now more clearly recited in the claims are not taught or suggested by any of the references of record whether taken individually or in combination with each other.

Particularly, these features of the present invention now more clearly recited in the claims are not taught or suggested by Miyagawa whether taken individually or in combination with any of the other references of record.

Miyagawa is directed to an election terminal apparatus used by voters in an election. Miyagawa attempts to facilitate

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the voting by voters and the totaling of the votes cast by the voters using the election terminal apparatus taught therein. In order to accomplish this, Miyagawa teaches that the election terminal apparatus as illustrated in Fig. 1 includes an integral type display/input unit provided by a liquid crystal display (LCD) unit and a tablet unit for inputting data. Miyagawa teaches that the display unit displays a first screen including icons corresponding to candidates. A voter then operates the tablet unit to designate a candidate for whom he/she wants to vote. According to Miyagawa the election terminal apparatus discriminates the candidate designated by the voter and causes the LCD unit to display an image for allowing the voter to input the candidate name or the like with hand writing. When the voter hand writes the candidates name or the like on the tablet unit the election terminal apparatus performs character recognition with respect to the hand written pattern and then determines whether the candidate specified by the recognized characters of the hand written pattern coincides with the candidate first designated by the voter. If such coincidence occurs the election terminal apparatus taught by Miyagawa increase the vote count of the candidate by one.

It is quite clear from the above that Miyagawa fails to teach or suggest an information transmission device for transmitting plural items of information via a transmission media to a plurality of information destination devices as in the present invention. More particularly, Miyagawa fails to teach or suggest an information transmission device which upon

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detection of an event indicative of a change of situation in or related to the plural items of information causes the transmission of at least one of the plural items of information, identified by the identification data corresponding to the event detected by the detection means, to the information destination device designated by the transmission data corresponding to the event. In other words, according to the present invention particular events identifying particular types of changes in or related to an item of information are detected and upon detection of the occurrence of such an event is detected the changed item of information is sent to a particular one of the destination devices to which the item of information is to be transmitted upon occurrence of the event. Such is clearly is not taught or suggested by Miyagawa.

Miyagawa could, for example, be considered by information transmission device, wherein information regarding the candidates in an election can be transmitted from the election information file 17 and/or the candidate buffer 31 via the communication interface 16 to, for example, an external totaling unit or the like. The Examiner's attention is directed to Fig. 1 and col. 6, lines 14-32, and Figs. 6 and 8 and col. 7, lines 33-52 of Miyagawa.

However, there is no teaching or suggestion in Miyagawa that the transmission of one item of information from the election information file 17 or the candidate buffer 31 is caused due to the occurrence of a pre-identified event indicative of a change of situation in or related to the plural

items of information, wherein information of such event is stored in corresponding relationship with the plural items of information in the election information file 17 or the candidate buffer 31 as in the present invention. Miyagawa specifically describes the contents of the election information file 17 and the candidate buffer 31 in col. 6, lines 20-32 and and in Figs. 6 and 8.

In the Office Action, the Examiner alleges that Miyagawa teaches that the storing means stores the plural items of information and plural sets of data from respective ones of the plural items of the information, wherein each one of the plural sets of data includes an event indicative of a change of situation in col. lines 14-44. Upon complete and thorough review of col. 7, lines 14-44 it is quite apparent that Miyagawa merely teaches different sections of the RAM 13 which includes an application program having various processing sections 20-26 including a display control section 25A and various buffers 27-33 including a position data buffer 27A and a region data buffer 29 which stores coordinate data regarding the icons being displayed on the display unit. At no point in this passage of Miyagawa or at any location in Miyagawa is there any teaching that information of an event to be monitored indicative of a change of situation in or related to the plural items of information is stored in the storage means in corresponding relation with the plural items of information as in the present invention.

Therefore, Miyagawa fails to teach or suggest <u>storage</u> <u>means for storing the plural items of information and plural</u> <u>sets of data for respective ones of the plural items of</u> <u>information, each one of the plural sets of data including an</u> <u>event indicative of a change of situation in or related to the</u> <u>plural items of information</u> as recited in the claims.

In the Office Action, the Examiner further alleges that Miyagawa teaches identification data and transmission destination data which are stored in the storage means as part of the plural sets of data for respective ones of the plural items of information as in the present invention. However, the Examiner's allegations are incorrect and are not supported by the alleged passages of Miyagawa.

Therefore, Miyagawa fails to teach or suggest <u>storage</u> <u>means for storing the plural items of information and plural</u> <u>sets of data for respective ones of the plural items of</u> <u>information, each one of the plural sets of data including ...</u> <u>identification data for identifying information to be</u> <u>transmitted in response to the event and transmission</u> <u>destination data indicative of one of the plural information</u> <u>destination devices to which a corresponding one of a plural</u> <u>items of information are to be transmitted upon occurrence of</u> <u>the event</u> as recited in the claims.

Being that as shown above, Miyagawa does not teach or suggest such event data which is used for monitoring events occurring in the information transmission device so as to cause the desired transmission items of information as in the present

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invention, it follows that Miyagawa does not teach or suggest
the detection of such an event by detection means. The
Examiner alleges that such detection means is taught at col. 9,
lines 10-31 of Miyagawa.

Col. 9, lines 10-31 of Miyagawa merely describes how the
voter is guided to select a candidate to which the voter wishes
to cast his vote. There is nothing at all in this passage of
Miyagawa regarding the monitoring of the events of the
information transmission device by use of prestored event
information indicative of a change of situation in or related
to the plural items of information to detect the occurrence of
an event detection means as in the present invention.

Therefore, Miyagawa fails to teach or suggest <u>detection</u>
<u>means for detecting that the event has occurred</u> as recited in
the claims.

Further, Applicants submit that Miyagawa does not teach or
suggest the transmission means which transmits one of the
plural items of information identified by the identification
data corresponding to the event detected by the detection means
to the one information destination device that is designated by
the transmission destination data corresponding to the event as
in the present invention. In the Office Action, the Examiner
alleges that Miyagawa teaches the claimed transmission
destination data in col. 7, line 57 thru col. 8, line 26 of
Miyagawa.

Upon complete and thorough review of this passage it is
quite clear that Miyagawa merely teaches steps performed by the

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election terminal apparatus when the application program is started. Specifically, this passage of Miyagawa describes the processing performed by the election terminal apparatus at system initialization and after system initialization. Applicants fail to find any teaching whatsoever regarding the transmission of an item of information occurring as a result of a predefined event and that such transmission is directed to a predefined information destination device corresponding to the event as in the present invention.

Therefore, Miyagawa fails to teach or suggest <u>transmission means for transmitting one of the plural items of information identified by the identification data corresponding to the event detected by the detection means to one of the plurality of information destination devices that is designated by the transmission destination data corresponding to the event</u> as recited in the claims.

Accordingly, based on the above, it is quite clear that the features of the present invention as now recited in the claims are not taught or suggested by Miyagawa whether taken individually or in combination with any of the other references of record. Therefore, reconsideration and withdrawal of the rejection of claims 11, 14, 17-20, 22, 23, 27, 30, 32-34 and 36-38 under 35 USC §102 is respectfully requested.

The remaining references of record have been studied. Applicants submit that they do not supply any of the deficiencies noted above with respect to the reference utilized in the rejection of claims 11, 14, 17-20, 22, 23, 27 and 29-38.

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Therefore, in view of the foregoing amendments and remarks, Applicants submit that claims 11, 14, 17-20, 22, 23, 27 and 29-38 are in condition for allowance. Accordingly, early allowance of claims 11, 14, 17-20, 22, 23, 27 and 29-38 is respectfully requested.

To the extent necessary, Applicants petition for an Extension of Time. Please charge any shortage in fees due in connection with the filing of this paper, or credit any overpayment of fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (566.36161CX1).

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

Please amend the claims as follows:

11.   (Twice Amended)   An information transmission device for transmitting plural items of information via transmission media to a plurality of information destination devices, said information transmission device comprising:

storage means for storing said plural items of information, and plural sets of data for respective ones of said plural items of information, each one of said plural sets of data including an event indicative of a change of situation in or related to said plural items of information, identification data for identifying information to be transmitted in response to said event, and transmission destination data indicative of one of said plurality of information destination devices to which a corresponding one of said plural items of information is to be transmitted;

detection means for detecting that said event has occurred; and

transmission means for transmitting, via said transmission media, one of said plural items of information

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identified by said identification data corresponding to said event

detected by said detection means to one of said plurality of

information destination devices that is designated by said

transmission destination data corresponding to said event.

20. (Twice Amended) An information transmission method in

an information transmission device interconnected via transmission

media with a plurality of information destination devices, said

information transmission device including storage means for storing

plural items of information, and plural sets of data for respective

ones of said plural items of information, each one of said plural

sets of data including an event ~~indicative of a change of~~

~~situation~~, identification data for identifying information to be

transmitted in response to said event, and transmission destination

data indicative of one of said plurality of information destination

devices to which a corresponding one of said plural items of

information is to be transmitted, said information transmission

method comprising:

detecting that said event has occurred, said event being

indicative of a change of situation in or related to said plural

items of information; and

transmitting, via said transmission media, one of said

plural items of information identified by said identification data

corresponding to said event detected by said detection means to one

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of said plurality of information destination devices that is designated by said transmission destination data corresponding to said event.

29. (Amended) An information transmission device for transmitting plural items of information via transmission media to a plurality of information destination devices, said information transmission device comprising:

storage means for storing said plural items of information, and plural sets of data for respective ones of said plural items of information, each one of said plural sets of data including an event indicative of a change of situation, identification data for identifying information to be transmitted in response to said event, and transmission destination data indicative of one of said plurality of information destination devices to which a corresponding one of said plural items of information is to be transmitted;

detection means for detecting that said event has occurred; and

transmission means for transmitting, via said transmission media, one of said plural items of information identified by said identification data corresponding to said event detected by said detection means to one of said plurality of information destination devices that is designated by said

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transmission destination data corresponding to said event,

wherein said event is a modification of at least one of said plural items of information ~~The information transmission device as claimed in claim 14~~, wherein said transmission means transmits a modified one of said plural items of information.

31. (Amended) An information transmission method in an information transmission device interconnected via transmission media with a plurality of information destination devices, said information transmission device including storage means for storing plural items of information, and plural sets of data for respective ones of said plural items of information, each one of said plural sets of data including an event, identification data for identifying information to be transmitted in response to said event, and transmission destination data indicative of one of said plurality of information destination devices to which a corresponding one of said plural items of information is to be transmitted, said information transmission method comprising:

detecting that said event has occurred, said event being indicative of a change of situation; and

transmitting, via said transmission media, one of said plural items of information identified by said identification data corresponding to said event detected by said detection means to one of said plurality of information destination devices that is

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designated by said transmission destination data corresponding to said event,

wherein said event is a modification of at least one of said plural items of information ~~The information transmission method as claimed in claim 23~~,

wherein said transmission step includes a step of transmitting a modified one of said plural items of information.

33. (Amended) A computer program stored on a storage medium ~~product~~ for execution by an information transmission device for causing ~~when executed an information~~ transmission ~~device to transmit~~ of plural items of information via transmission media to a plurality of information destination devices, ~~wherein said information transmission device comprises:~~ each including storage means for storing said plural items of information, and plural sets of data for respective ones of said plural items of information, each one of said plural sets of data including an event ~~indicative of a change of situation~~, identification data for identifying information to be transmitted in response to said event, and transmission destination data indicative of one of said plurality of information destination devices to which a corresponding one of said plural items of information is to be transmitted, said computer program when executed causes said information transmission device to perform the steps of:

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wherein said program product comprises:

~~a detection process to detect~~ detecting whether said event has occurred, said event being indicative of a change of situation in or related to said plural items of information; and

~~a transmission process for~~ transmitting, via said transmission media, one of said plural items of information identified by said identification data corresponding to said event detected by said detecting step to one of said plurality of information destination devices that is designated by said transmission destination data corresponding to said event.

34.   (Amended) The computer program ~~product~~ as claimed in claim 33, wherein said event is a modification of at least one of said plural items of information.

35.   (Amended) A computer program stored on a storage medium for execution by an information transmission device for causing transmission of plural items of information via transmission media to a plurality of information destination devices, each including storage means for storing said plural items of information, and plural sets of data for respective ones of said plural items of information, each one of said plural sets of data including an event, identification data for identifying information to be transmitted in response to said event, and transmission destination

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data indicative of one of said plurality of information destination devices to which a corresponding one of said plural items of information is to be transmitted, said computer program when executed causes said information transmission device to perform the steps of:

detecting whether said event has occurred, said event being indicative of a change of situation, and

transmitting, via said transmission media, one of said plural items of information identified by said identification data corresponding to said event detected by said detecting step to one of said plurality of information destination devices that is designated by said transmission destination data corresponding to said event,

wherein said event is a modification of at least one of said plural items of information ~~The program product as claimed in claim 34~~, and

wherein said ~~transmission process~~ transmitting step includes a ~~process~~ step of transmitting a modified one of said plural items of information.

36.   (Amended) The computer program ~~product~~ as claimed in claim 33, wherein said ~~transmission process~~ transmitting step includes a process of transmitting a modified one of said plural items of information.

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37. (Amended) The computer program ~~product~~ as claimed in claim 33, wherein said plural items of information are information indicative of a current situation of a facility which contains plural parts and performs a predetermined process, and one of said plurality of information destination devices to which one of said plural items of information is transmitted is a controller which controls the predetermined process of said facility.

38. (Amended) The computer program ~~product~~ as claimed in claim 33, wherein said event elapses of predetermined time intervals.